

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	12	(US-20040101634-\$ or US-20050064647-\$ or US-20050002850-\$ or US-20050040371-\$ or US-20040222081-\$ or US-20030211028-\$ or US-20030039604-\$ or US-20020008956-\$).did. or (US-6491789-\$ or US-6712864-\$ or US-5866434-\$ or US-6946410-\$).did.	US-PGPU B; USPAT	OR	ON	2006/05/17 09:56
L7	5	6 and mesh\$5	US-PGPU B; USPAT	OR	ON	2006/05/17 11:13
L8	3	6 and etch\$4	US-PGPU B; USPAT	OR	ON	2006/05/17 11:22
L9	2	("20020122765").PN.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TD B	OR	OFF	2006/05/17 12:04
L10	2	("20050040371").PN.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TD B	OR	OFF	2006/05/17 11:26
L11	1	9 and agent	US-PGPU B; USPAT	OR	ON	2006/05/17 12:06

## EAST Search History

L12	0	9 and carbodiimide	US-PGPU B; USPAT	OR	ON	2006/05/17 12:06
L13	0	9 and \$diimide	US-PGPU B; USPAT	OR	ON	2006/05/17 12:50
L14	1	9 and acid	US-PGPU B; USPAT	OR	ON	2006/05/17 12:09
L15	0	9 and (sulfuric H2SO4 "H. sub.2 SO.sub.4")	US-PGPU B; USPAT	OR	ON	2006/05/17 12:49
L16	0	9 and transfer	US-PGPU B; USPAT	OR	ON	2006/05/17 13:08
L17	2	("6203814").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2006/05/17 12:49
L18	1	17 and (sulfuric H2SO4 "H.sub.2 SO.sub.4")	US-PGPU B; USPAT	OR	ON	2006/05/17 12:49
L19	1	17 and \$diimide	US-PGPU B; USPAT	OR	ON	2006/05/17 12:50
L20	1	(US-20020008956-\$).did.	US-PGPU B	OR	ON	2006/05/17 13:08
L21	2	(17 20) and transfer	US-PGPU B; USPAT	OR	ON	2006/05/17 13:09
S1	81	carbon near nanotube with (crosslink\$3 cross-link\$3)	US-PGPU B; USPAT	OR	ON	2006/04/18 13:25

## EAST Search History

S2	0	S1 and nanotube with funtional\$7	US-PGPU B; USPAT	OR	ON	2006/04/17 18:43
S3	47	S1 and nanotube with functional\$7	US-PGPU B; USPAT	OR	ON	2006/04/17 19:24
S4	45	S3 and nanotube with (structur\$4 mesh\$5 form)	US-PGPU B; USPAT	OR	ON	2006/04/17 18:44
S5	42	S3 and nanotube with (structur\$4 mesh\$5)	US-PGPU B; USPAT	OR	ON	2006/04/17 18:44
S6	12	S3 and nanotube with (mesh\$5)	US-PGPU B; USPAT	OR	ON	2006/04/17 19:01
S7	3	("3652902"   "4810599"   "5773834").PN. OR ("6934144").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/04/17 18:51
S8	30	S5 not S6	US-PGPU B; USPAT	OR	ON	2006/04/17 18:59
S9	3	S4 not S5	US-PGPU B; USPAT	OR	ON	2006/04/17 19:00
S10	2	S3 not S4	US-PGPU B; USPAT	OR	ON	2006/04/17 19:00
S11	12	S1 and nanotube with (mesh\$5)	US-PGPU B; USPAT	OR	ON	2006/04/17 19:01
S12	0	S11 not S6	US-PGPU B; USPAT	OR	ON	2006/04/17 19:01
S13	1	S1 and nanotube same (mesh\$5) not S11	US-PGPU B; USPAT	OR	ON	2006/04/17 19:02

## EAST Search History

S14	45	("4663230"   "4726882"   "5260855"   "5336274"   "5402306"   "5529971"   "5581438"   "5626977"   "5641466"   "5820881"   "5855953"   "5866434"   "6090363"   "6096863"   "6368877"   "6383500"   "6491903"   "6712864"   "6756025"   "6787122"). PN. OR ("2002/0008956"   "2003/0039604"   "2003/0086858"   "2003/0089893"   "2003/0211028"   "2004/0022718"   "2004/0071624"   "2004/0071949"   "2004/0101634"   "2004/0222080"   "2004/0222081"   "2004/0232389"   "2004/0247808"   "2005/0002850"   "2005/0074390"   "2005/0074613"   "2005/0207963"   "6205016"   "6491789"   "6872681"   "6890654"   "6899945").URPN.	US-PGPU B; USPAT;	OR	ON	2006/04/17 19:15
S15	12	S14 and (crosslink\$3 cross-link\$3)	US-PGPU B; USPAT	OR	ON	2006/04/17 19:15
S16	45	carbon near nanotube with (crosslink\$3 cross-link\$3)	EPO; JPO; DERWENT; IBM_TD B	OR	ON	2006/04/17 19:24

## EAST Search History

S17	0	S1 and nanotube with functional\$7	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/04/17 19:24
S18	9	carbon near nanotube with (crosslink\$3 cross-link\$3) and mesh\$5	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/04/17 19:26
S19	36	S16 not S18	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/04/26 20:03
S20	165	(carbon near (nanotube tub\$4) SWNT DWNT) same (coupl\$4 crosslink\$4 cross-link\$4) and (\$COOH carboxylic)	US-PGPU B; USPAT	OR	ON	2006/04/18 13:33
S21	17	S20 and dehydration	US-PGPU B; USPAT	OR	ON	2006/04/18 13:28
S22	72	S20 and condensation	US-PGPU B; USPAT	OR	ON	2006/04/18 13:28
S23	15	S21 and S22	US-PGPU B; USPAT	OR	ON	2006/04/18 13:28
S24	13	S20 and dehydration near condensation	US-PGPU B; USPAT	OR	ON	2006/04/18 13:31
S25	4	S21 not S24	US-PGPU B; USPAT	OR	ON	2006/04/18 13:31
S26	2752	(carbon near (nanotube tub\$4) SWNT DWNT) and etch\$4	US-PGPU B; USPAT	OR	ON	2006/04/18 13:33

## EAST Search History

S27	81	S20 and etch\$4	US-PGPU B; USPAT	OR	ON	2006/04/18 13:34
S28	39	S27 and \$5resist	US-PGPU B; USPAT	OR	ON	2006/04/18 13:34
S29	25	S28 and ion adj beam	US-PGPU B; USPAT	OR	ON	2006/04/18 13:34
S30	2	("20030039816"   "6383923").PN. OR ("2004/0038556"   "2004/0242023"   "2004/0254297"   "2005/0040371"   "2005/0079666"   "2006/0014084"   "6946410"   "6998358"). URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/04/18 13:39

## EAST Search History

S31	38	(US-20050207963-\$ or US-20050074613-\$ or US-20050002850-\$ or US-20050074390-\$ or US-20050064647-\$ or US-20050040371-\$ or US-20040254297-\$ or US-20040247808-\$ or US-20040242023-\$ or US-20040071949-\$ or US-20040232389-\$ or US-20040222081-\$ or US-20040222080-\$ or US-20040101634-\$ or US-20030089893-\$ or US-20040071624-\$ or US-20040022718-\$ or US-20020008956-\$ or US-20030211028-\$ or US-20030086858-\$ or US-20030039604-\$ or US-20040197909-\$ or US-20030171257-\$ or US-20030039816-\$ or US-20060014084-\$ or US-20040038556-\$).did. or (US-20050079666-\$). did. or (US-6872681-\$ or US-6899945-\$ or US-6890654-\$ or US-6491789-\$ or US-6205016-\$ or US-6712864-\$ or US-6414836-\$ or US-5866434-\$ or US-6665169-\$ or US-6998358-\$ or US-6946410-\$).did.	US-PGPU B; USPAT	OR	ON	2006/04/18 15:25
S32	37	S31 and (dehydrat\$4 condensation etch\$4 \$5resist crosslink\$4 cross-link\$4 functional\$7 mesh\$5 ion adj beam)	US-PGPU B; USPAT	OR	ON	2006/04/18 15:30

## EAST Search History

S33	37	S31 and (dehydrat\$4 condensation etch\$4 \$5resist crosslink\$4 cross-link\$4 functional\$7 mesh\$5 ion adj beam \$COOH carboxylic amide ester)	US-PGPU B; USPAT	OR	ON	2006/04/18 15:34
S34	37	S31 and (dehydrat\$4 condensation etch\$4 \$5resist crosslink\$4 cross-link\$4 functional\$7 mesh\$5 ion adj beam \$COOH carboxylic amide ester oxygen adj radical)	US-PGPU B; USPAT	OR	ON	2006/04/19 13:35

## EAST Search History

S35	297	(US-6890654-\$ or US-6712864-\$ or US-6986853-\$ or US-6905667-\$ or US-6787122-\$ or US-6756025-\$ or US-6749712-\$ or US-6426134-\$ or US-6090363-\$ or US-6228498-\$ or US-5933791-\$ or US-6083624-\$ or US-5489477-\$ or US-5626812-\$ or US-5716708-\$ or US-5925465-\$ or US-5985446-\$ or US-6146227-\$ or US-6157043-\$ or US-6162411-\$ or US-6203864-\$ or US-6221489-\$ or US-6239547-\$ or US-6250984-\$ or US-6278231-\$ or US-6280677-\$).did. or (US-6287765-\$ or US-6303094-\$ or US-6339281-\$ or US-6348700-\$ or US-6401526-\$ or US-6420726-\$ or US-6469425-\$ or US-6515415-\$ or US-6527988-\$ or US-6540972-\$ or US-6545396-\$ or US-6664727-\$ or US-6692327-\$ or US-6699642-\$ or US-6705910-\$ or US-6709566-\$ or US-6713519-\$ or US-6741017-\$ or US-6750604-\$ or US-6769945-\$ or	USPAT	OR	ON	2006/04/19 11:53
5/17/06 1:32:45 PM	C:\Documents and Settings\adolsen\My Documents\EAST\Workspaces\10 series\!10768039.wsp	US-6787200-\$ or US-6796870-\$ or US-6802700-\$ or			Page 9	

## EAST Search History

S36	38	(US-20040101634-\$ or US-20030089893-\$ or US-20030086858-\$ or US-20030039604-\$ or US-20020008956-\$ or US-20040071949-\$ or US-20040071624-\$ or US-20040022718-\$ or US-20030211028-\$ or US-20050064647-\$ or US-20050040371-\$ or US-20040197909-\$ or US-20030171257-\$ or US-20050079666-\$ or US-20040242023-\$ or US-20040038556-\$ or US-20050207963-\$ or US-20050074613-\$ or US-20050074390-\$ or US-20050002850-\$ or US-20040232389-\$ or US-20040222081-\$ or US-20060014084-\$ or US-20040254297-\$ or US-20030039816-\$ or US-20040247808-\$).did. or (US-20040222080-\$). did. or (US-6899945-\$ or US-6890654-\$ or US-6712864-\$ or US-6491789-\$ or US-6414836-\$ or US-5866434-\$ or US-6998358-\$ or US-6946410-\$ or US-6872681-\$ or US-6665169-\$ or US-6205016-\$).did.	US-PGPU B; USPAT	OR	ON	2006/04/19 11:54
S37	3	S35 and S36	US-PGPU B; USPAT	OR	ON	2006/04/19 11:57
S38	57	("5259926" "6342276"). PN"	US-PGPU B; USPAT	OR	ON	2006/04/19 11:58

## EAST Search History

S39	4	("5259926") or ("6342276").PN.	US-PGPU B; USPAT; EPO; JPO; DERWENT; IBM_TD B	OR	OFF	2006/04/19 12:01
S40	81	carbon near nanotube with (crosslink\$3 cross-link\$3)	US-PGPU B; USPAT	OR	ON	2006/04/19 12:01
S41	3	S35 and S40	US-PGPU B; USPAT	OR	ON	2006/04/19 12:01
S42	165	(carbon near (nanotube tub\$4) SWNT DWNT) same (coupl\$4 crosslink\$4 cross-link\$4) and (\$COOH carboxylic)	US-PGPU B; USPAT	OR	ON	2006/04/19 12:01
S43	11	S35 and S42	US-PGPU B; USPAT	OR	ON	2006/04/19 12:01
S44	2752	(carbon near (nanotube tub\$4) SWNT DWNT) and etch\$4	US-PGPU B; USPAT	OR	ON	2006/04/19 12:01
S45	148	S35 and S44	US-PGPU B; USPAT	OR	ON	2006/04/19 12:02
S46	4	S37 S41	US-PGPU B; USPAT	OR	ON	2006/04/19 12:03
S47	7	S43 not S46	US-PGPU B; USPAT	OR	ON	2006/04/19 12:03

## EAST Search History

S48	12	(US-20050040371-\$ or US-20050002850-\$ or US-20040222081-\$ or US-20050064647-\$ or US-20040101634-\$ or US-20030211028-\$ or US-20030039604-\$ or US-20020008956-\$).did. or (US-6712864-\$ or US-6946410-\$ or US-6491789-\$ or US-5866434-\$).did.	US-PGPU B; USPAT	OR	ON	2006/04/19 13:35
S49	12	S48 and (dehydrat\$4 condensation etch\$4 \$5resist crosslink\$4 cross-link\$4 functional\$7 mesh\$5 ion adj beam \$COOH carboxylic amide ester oxygen adj radical)	US-PGPU B; USPAT	OR	ON	2006/04/19 13:37
S50	2	(("5259926") or ("6342276")).PN.	US-PGPU B; USPAT	OR	OFF	2006/04/26 19:47
S51	1	(US-20020008956-\$).did.	US-PGPU B	OR	ON	2006/04/27 13:41
S52	1	S51 and (multi\$6 wall DWNT MWNT)	US-PGPU B	OR	ON	2006/04/27 16:51
S53	1	"200272017"	DERWEN T	OR	ON	2006/04/27 16:51
S54	0	2002-72017	DERWEN T	OR	ON	2006/04/27 16:52
S55	0	KR near "2002" near "72017"	DERWEN T	OR	ON	2006/04/27 16:52
S56	0	KR same "2002" same "72017"	DERWEN T	OR	ON	2006/04/27 16:52
S57	0	KR same "72017"	DERWEN T	OR	ON	2006/04/27 16:52
S58	1	"20040101634"	DERWEN T	OR	ON	2006/04/27 16:55
S59	1	2004-432880.NRAN.	DERWEN T	OR	ON	2006/04/27 16:53

## EAST Search History

S60	3	"2004043638"	DERWEN T	OR	ON	2006/04/27 16:55
S61	1	(US-20040101634-\$).did.	US-PGPU B	OR	ON	2006/04/27 16:59